(No Model.)

C. A. BUTT.

LAUNDRY AND SCRUBBING BRUSH.

No. 448,602. Patented Mar. 17, 1891.

FIG. 1.

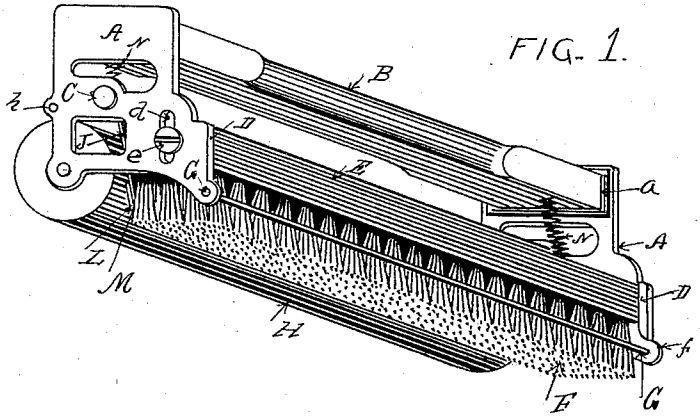
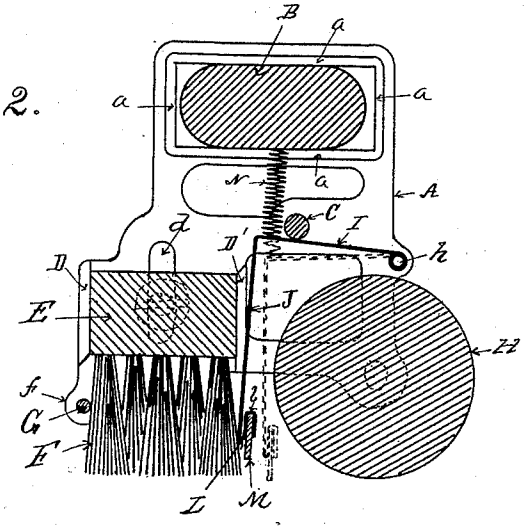


FIG. 2.



WITNESSES.

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LAUNDRY AND SCRUBBING BRUSH.

SPECIFICATION forming part of Letters Patent No. 448,602, dated March 17, 1891.

Application filed July 23, 1890. Serial No. 359,687. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. BUTT, a citizen of the United States, residing at North East, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Laundry and Scrubbing Brushes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, forming part of this specification.

My invention consists in the improvements in laundry and scrubbing brushes hereinafter set forth and explained, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved laundry and scrubbing brush. Fig. 2 is a transverse section of the same.

Like letters refer to like parts in both the figures.

The object of my invention is to construct a hand laundry and scrubbing brush having an adjustable brush, a movable or oscillating scraper, and a pressure-roller so combined in a hand-frame as to be adapted to be used for either laundry purposes or for scrubbing, as desired.

In the construction of my improved laundry and scrubbing brush shown, A A are the ends of the frame, preferably made of cast metal, having rectangular sockets *a a* cast in the inside faces of the upper part thereof, in which the ends of a wooden handle B are inserted, the whole being held together by a longitudinal rod C, and screws *e* in the ends of the brush-block E, hereinafter described. At one side of the lower part of the said ends A A of the frame and on the inside faces thereof I also cast vertical flanges D D′, of such distance apart that the ends of the brush-block E will slide up and down between said flanges D D′, and midway between said flanges I cast vertical slots *d*, through which screws *e* pass into the ends of the brush-block E, so that the brush-block may be adjusted to compensate for the wear of the brushes F therein.

In ears *f*, extending downward below the flanges D, I place a longitudinal rod G, adapted to support the outer side of the brush F, to prevent its being broken over by too strong pressure being applied thereto.

In the lower part of the sides of the frame A A opposite the brush E F, I mount a pressure-roller H, made of wood or such other material as may be desired, and in ears *h*, above the roller H, I mount the arms I I of a scraper J, formed, preferably, of sheet metal. These arms extend inward to a point nearly midway between the brush E F and the roller H, and thence the same are bent downward at an angle, so as to extend downward between the brush and roller. To the lower edge L of the scraper J, I secure a longitudinal strip of rubber M, preferably by making a fold *l* in the lower edge of the scraper J and inserting the upper edge of the strip of rubber M therein.

From the arms I I of the scraper J small spiral retracting-springs N extend to and are secured on the under side of the ends of the handle B, which springs normally hold the scraper J in a raised position, as shown by full lines in Fig. 2, with the lower edge L of the scraper in contact with the inner side of the brush, so as to prevent its being broken over by too great pressure being exerted thereon. However, when it is desired to operate the scraper J it is depressed by the fingers of the operator, as illustrated by the dotted lines in Fig. 2, and, when released, instantly returns to its normally-raised position.

I am aware that brushes having rollers on each side thereof are not new, and also that stationary rollers and brushes and rubbers have been heretofore used; but I am not aware of any device in which a single pressure-roller, an adjustable brush, and a movable scraper have been combined so as to operate as my device does; therefore,

Having fully described my invention, so as to enable others to construct and use the same, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. The combination, in a laundry and scrubbing brush, of a vertically-adjustable brush and a pressure-roller mounted in a frame,

with a vertically-movable scraper mounted in said frame between the brush and the roller, substantially as set forth.

2. The combination, in a laundry and scrubbing brush, of a frame constructed of end frames A A, an operating-handle B on the upper part thereof, and a rod C for securing the same together, with a vertically-adjustable brush E F and a pressure-roller H, mounted in said frame at opposite sides of the lower part thereof, a transverse rod G for supporting the outside of the brush, and a vertically-moving scraper I J L, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES A. BUTT.

Witnesses:
L. D. HANFORD,
M. V. SICKLY.